



# STIC Search Report

## EIC 3600

STIC Database Tracking Number: 100300

TO: Elaine Gort  
Location: Pk. 5, 7B21  
Art Unit: 3627  
Wednesday, August 06, 2003

Case Serial Number: 09/693565

From: Caryn Wesner-Early  
Location: EIC 3600  
PK5-Suite 804  
Phone: 306-5967

caryn.wesner@uspto.gov

### Search Notes

If a modification or re-focus of this search is needed, please let me know.

A handwritten signature in cursive script, appearing to read 'C. Wesner-Early'.

Caryn S. Wesner-Early, MSLS  
Technical Information Specialist  
EIC 3600, US Patent & Trademark Office  
Phone: (703) 306-5967  
Fax: (703) 306-5758  
caryn.wesner@uspto.gov



④

# EIC2100 COMMERCIAL DATABASE SEARCH REQUEST

Staff Use Only

## Complete 705 Template Search Requested

☐ RUSH - SPE signature required: \_\_\_\_\_

Access DB#

00300

Business Methods Case: 705/ 30 g06f-0177

Log Number

Write in 705 subclass(es) to search required files for 705 cases or cases cross referenced in 705.

Requester's Full Name: Elaine Gort Examiner #: 77459 Date: 8/1/03

Art Unit: 3627 Phone Number 703/308-6391 Serial Number: 9/693565

Bldg & Room #: PK5 7B21 Results Format Preferred: PAPER

If more than one search is submitted, please prioritize searches in order of need.

### Provide the PALM Bib page or the following:

Title of Invention: see attached bib sheet

Inventors (provide full names): See bib sheet

Earliest Priority Filing Date: 10/20/00

### Requested attachments:

- If possible, provide the cover sheet, the IDS, examples, or relevant citations, authors, etc, if known.
- Please attach copies of the parts of this case that help explain or are most pertinent to this search. Examples are: abstract, background, summary, claim(s) [not all of the claims].

**See particularly claims 1-6**

The claimed or apparent novelty of the invention is:

A cash register that ~~counts~~ reads the cash bills to determine the amount received and tracks checks received, and generates and transmits deposit reports ~~at~~ to a central control unit when the cash + checks are removed from the register.

This search should focus on:

(Also include keywords or synonyms)

See above

02-11-03 10:14 AM

Special Instructions or Other Comments

Thanks EJ



# STIC Search Results Feedback Form

**EIC 3600**

Questions about the scope or the results of the search? Contact *the EIC searcher* or contact:

**Karen Lehman, EIC 3600 Team Leader**  
**306-5783, PK5- Suite 804**

## Voluntary Results Feedback Form

➤ I am an examiner in Workgroup:  Example: 3620 (optional)

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature  
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

**Comments:**

**Drop off or send completed forms to EIC3600 PK5 Suite 804**



?show files;ds

File 348:EUROPEAN PATENTS 1978-2003/Jul W03

(c) 2003 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20030731,UT=20030724

(c) 2003 WIPO/Univentio

File 347:JAPIO Oct 1976-2003/Apr(Updated 030804)

(c) 2003 JPO & JAPIO

File 351:Derwent WPI 1963-2003/UD,UM &UP=200350

(c) 2003 Thomson Derwent

File 371:French Patents 1961-2002/BOPI 200209

(c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	7	AU='BROOKS W'
S2	2	AU='BROOKS W F'
S3	3	AU='BROOKS WILLIAM'
S4	2	AU='BROOKS WILLIAM F'
S5	0	AU='RUSHIE P'
S6	0	AU='DUPLANTI D'
S7	14	S1 OR S2 OR S3 OR S4 OR S5 OR S6
S8	14	IDPAT (sorted in duplicate/non-duplicate order)
S9	10	IDPAT (primary/non-duplicate records only)

9/3,K/1 (Item 1 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
(c) 2003 Thomson Derwent. All rts. reserv.

014623218 \*\*Image available\*\*  
WPI Acc No: 2002-443922/200247  
XRAM Acc No: C02-126310  
XRPX Acc No: N02-349778

**Joint, used in aircraft and boats, especially aircraft wing skin to stiffener joints, comprises low elastic modulus material bonded between two adherends**

Patent Assignee: BAE SYSTEMS PLC (BRAX )  
Inventor: **BROOKS W**  
Number of Countries: 096 Number of Patents: 002  
Patent Family:  
Patent No Kind Date Applicat No Kind Date Week  
WO 200222440 A1 20020321 WO 2001GB3912 A 20010831 200247 B  
AU 200184224 A 20020326 AU 200184224 A 20010831 200251

Priority Applications (No Type Date): GB 200022589 A 20000914  
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200222440	A1	E	27	B64C-003/18	
Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA					
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW					
AU 200184224	A			B64C-003/18	Based on patent WO 200222440

Inventor: **BROOKS W**

9/3,K/2 (Item 2 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
(c) 2003 Thomson Derwent. All rts. reserv.

013869906 \*\*Image available\*\*  
WPI Acc No: 2001-354118/200137  
Related WPI Acc No: 2000-222802  
XRPX Acc No: N01-257218

**A cigar combination pack including at least one cigar and an associated article**

Patent Assignee: BROOKS W (BROO-I)  
Inventor: **BROOKS W**  
Number of Countries: 001 Number of Patents: 001  
Patent Family:  
Patent No Kind Date Applicat No Kind Date Week  
US 6244434 B1 20010612 US 99286049 A 19990405 200137 B  
US 99399666 A 19990921

Priority Applications (No Type Date): US 99399666 A 19990921; US 99286049 A 19990405

Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
US 6244434 B1 6 B65D-077/00 CIP of application US 99286049  
CIP of patent US 6026952  
Inventor: **BROOKS W**

9/3,K/3 (Item 3 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
(c) 2003 Thomson Derwent. All rts. reserv.

013464975 . \*\*Image available\*\*  
WPI Acc No: 2000-636918/200061  
XRPX Acc No: N00-472216

**Cash management system for use in stores, has drop safe with bill validator to determine denomination of bills and interface panel mounted on its sides**

Patent Assignee: BROOKS ARMORED CAR SERVICES INC (BROO-N)

Inventor: BLUEBELLO J K; **BROOKS W F** ; FRONTINO L J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6067530	A	20000523	US 95542984	A	19951013	200061 B

Priority Applications (No Type Date): US 95542984 A 19951013

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6067530	A	28	G06F-017/60	

...Inventor: **BROOKS W F**

**9/3,K/4 (Item 4 from file: 351)**

DIALOG(R)File 351:Derwent WPI

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013050948 \*\*Image available\*\*

WPI Acc No: 2000-222802/200019

Related WPI Acc No: 2001-354118

XRPX Acc No: N00-166870

**Packaging arrangement for a combined beverage and cigar gift pack**

Patent Assignee: BROOKS W (BROO-I)

Inventor: **BROOKS W**

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6026952	A	20000222	US 99286049	A	19990405	200019 B

Priority Applications (No Type Date): US 99286049 A 19990405

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6026952	A	6	B65D-077/00	

Inventor: **BROOKS W**

**9/3,K/5 (Item 5 from file: 351)**

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

011835968 \*\*Image available\*\*

WPI Acc No: 1998-252878/199823

XRPX Acc No: N98-199774

**Lift car door motor control system - has controller connected to linear motor and it includes software for varying magnetising current to motor dependent upon load on motor**

Patent Assignee: OTIS ELEVATOR CO (OTIS )

Inventor: AMEND B J; **BROOKS W F** ; COMINELLI D F; FARGO R N; REDDY K N;

TOWEY J P; REDDY N K; REDDY N

Number of Countries: 029 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 841293	A1	19980513	EP 97308739	A	19971031	199823 B
JP 10155296	A	19980609	JP 97301367	A	19971104	199833
BR 9705703	A	19990330	BR 975703	A	19971103	199919
US 5896951	A	19990427	US 96746256	A	19961107	199924

SG 55982	A1	19990118	SG 973801	A	19971020	199930
KR 98042205	A	19980817	KR 9758808	A	19971107	199937
CN 1183670	A	19980603	CN 97126201	A	19971106	200242

Priority Applications (No Type Date): US 96746256 A 19961107

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 841293	A1	E	8	B66B-013/14	
Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI					
LT LU LV MC NL PT RO SE SI					
JP 10155296	A		6	H02P-007/00	
BR 9705703	A			B66B-013/14	
US 5896951	A			B66B-013/14	
SG 55982	A1			B66B-013/08	
KR 98042205	A			B66B-013/02	
CN 1183670	A			H02P-007/00	

...Inventor: BROOKS W F

**9/3,K/6 (Item 6 from file: 351)**

DIALOG(R)File 351:Derwent WPI

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008749912 \*\*Image available\*\*

WPI Acc No: 1991-253926/199135

XRAM Acc No: C91-110236

XRPX Acc No: N91-193648

**Electrochemical cell with one or more gas electrodes - which are formed of a porous structure of electrically conductive titanium suboxide**

Patent Assignee: ATRAVERDA LTD (ATRA-N); BROOKS W (BROO-I); EBONEX TECHN INC (EBON-N)

Inventor: BROOKS W

Number of Countries: 016 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 443230	A	19910828	EP 90301781	A	19900220	199135 B
CA 2009612	A	19910808				199142 N
JP 3252057	A	19911111	JP 9039550	A	19900220	199151 N
EP 443230	B1	19940831	EP 90301781	A	19900220	199433
DE 69012091	E	19941006	DE 612091	A	19900220	199439
			EP 90301781	A	19900220	

Priority Applications (No Type Date): EP 90301781 A 19900220; JP 9039550 A 19900220

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 443230	A				
Designated States (Regional): AT BE CH DE ES FR GB GR IT LI LU NL SE					
EP 443230	B1	E	9	H01M-004/86	
Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LI LU NL SE					
DE 69012091	E			H01M-004/86	Based on patent EP 443230

Inventor: BROOKS W

**9/3,K/7 (Item 7 from file: 351)**

DIALOG(R)File 351:Derwent WPI

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007745127

WPI Acc No: 1989-010239/198902

XRAM Acc No: C89-004686

XRPX Acc No: N89-007801

**Tracking roller - for controlling lateral movement on endless conveyor**

**belt as used in food freezing tunnel system**

Patent Assignee: COMMONWEALTH IND GA (COMM-N)

Inventor: **BROOKS W**

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2206553	A	19890111	GB 8816120	A	19880706	198902 B
AU 8818775	A	19890112				198909
GB 2206553	B	19910807				199132

Priority Applications (No Type Date): AU 872942 A 19870707

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2206553	A		9		

Inventor: **BROOKS W**

**9/3,K/8 (Item 8 from file: 351)**

DIALOG(R)File 351:Derwent WPI

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007324046

WPI Acc No: 1987-321053/198745

XRPX Acc No: N87-240230

**Volume-selected NMR spectroscopy method - using selective RF excitation of spins in presence of field gradient superimposed on initial homogenous magnetic field**

Patent Assignee: UNIV QUEENSLAND (UYQU ); DODRELL D M (DODR-I)

Inventor: BROOKS W M; DODDRELL D M; **BROOKS W** ; DODDRELL D

Number of Countries: 026 Number of Patents: 011

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 8706700	A	19871105	WO 87AU113	A	19870424	198745 B
ZA 8702922	A	19871015				198805
AU 8773502	A	19871124				198806
NO 8705376	A	19880222				198813
DK 8706850	A	19871223				198829
EP 303604	A	19890222	EP 87902345	A	19870424	198908
JP 1500057	W	19890112	JP 87502803	A	19870424	198908
US 4945308	A	19900731	US 87283482	A	19871105	199033
EP 303604	B1	19940720	EP 87902345	A	19870424	199428
			WO 87AU113	A	19870424	
DE 3750258	G	19940825	DE 3750258	A	19870424	199433
			EP 87902345	A	19870424	
			WO 87AU113	A	19870424	
EP 303604	A4	19901128	EP 87902345	A	19870000	199513

Priority Applications (No Type Date): AU 865608 A 19860424; AU 8773502 A 19860422

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 8706700	A	E	25		

Designated States (National): AU BG BR DK FI GB HU JP KR LK MC NO RO SU US

Designated States (Regional): AT BE CH DE FR GB IT LU NL SE

EP 303604 A E

Designated States (Regional): BE CH DE FR GB LI NL

EP 303604 B1 E 11 G01N-024/08 Based on patent WO 8706700

Designated States (Regional): BE CH DE FR GB LI NL

DE 3750258 G G01N-024/08 Based on patent EP 303604  
Based on patent WO 8706700

...Inventor: **BROOKS W**



9/3,K/9 (Item 9 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
(c) 2003 Thomson Derwent. All rts. reserv.

001995382

WPI Acc No: 1978-08395A/197805

**Pistol head for blending and spraying polyurethane foams - with  
non-return valves and detachable nozzles to eliminate fouling**

Patent Assignee: BROOKS W (BROO-I); INSTA-FOAM PRODUCTS (INST-N)

Inventor: **BROOKS W**

Number of Countries: 004 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
BE 859130	A	19780116				197805	B
NL 7710233	A	19790321				197914	
DE 2742791	A	19790405				197915	
FR 2403881	A	19790525				197926	
DE 2742791	C	19861120				198647	
NL 188147	B	19911118				199148	N

Priority Applications (No Type Date): BE 859130 A 19770928

Inventor: **BROOKS W**

9/3,K/10 (Item 10 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2003 European Patent Office. All rts. reserv.

01462226

**COMPOSITE JOINTS**

**VERBUNDVERBINDUNGEN**

**JOINTS COMPOSITES**

PATENT ASSIGNEE:

BAE SYSTEMS plc, (427897), Warwick House, P.O. Box 87, Farnborough  
Aerospace Centre, Farnborough, Hampshire GU14 6YU, (GB), (Applicant  
designated States: all)

INVENTOR:

**BROOKS, William**, Martinsbend, Sunyhill Lane, Oare, Malborough,  
Wiltshire SN8 4JG, (GB)

PATENT (CC, No, Kind, Date):

WO 2002022440 020321

APPLICATION (CC, No, Date): EP.2001963192 010831; WO 2001GB3912 010831

PRIORITY (CC, No, Date): GB 22589 000914

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: B64C-003/18

LANGUAGE (Publication,Procedural,Application): English; English; English

INVENTOR:

**BROOKS, William** ...

?show files;ds  
 File 347:JAPIO Oct 1976-2003/Apr(Updated 030804)  
 (c) 2003 JPO & JAPIO  
 File 351:Derwent WPI 1963-2003/UD,UM &UP=200350  
 (c) 2003 Thomson Derwent  
 File 371:French Patents 1961-2002/BOPI 200209  
 (c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	41363	CASH() (REGISTER? ? OR DRAWER? ?) OR CHECK?()OUT? ? OR CHEC- KOUT? ? OR ECR OR CASHREGISTER? ? OR TILL? ?
S2	807122	OPTICAL() (CHARACTER() (RECOGNITION OR READER) OR SENS???) OR OCR OR SCAN(5N)BITMAP OR (CONVERSION OR CONVERT???) (2N) (TEXT OR ASCII) OR (PHOTOELECTRIC OR PHOTO()ELECTRIC) (CELL? ? OR R- EAD???)
S3	227243	CASH OR (PAPER OR FOLDING) (MONEY OR CURRENCY OR LEGAL() TE- NDER OR BANK() NOTE? ? OR DOLLAR() BILL? ? OR BANKNOTE? ? OR CH- ECK? ? OR CHEQUE? ? OR DRAFT? ? OR DRAUGHT? ? OR EURO OR FRANC OR DEUTSCHMARK OR POUND OR RUPEE OR YEN OR LIRA OR PESO
S4	1419890	IDENTIF? OR ID OR DETERMIN? OR RECOGNI? OR DISCRIMINAT??? - OR DIFFERENTIAT??? OR DISTINGUISH??? OR DISCERN? OR PARTICULA- RI? OR PERCEIV???
S5	3956657	VALUE? ? OR VALUATION? ? OR AMOUNT? ? OR PAYMENT? ? OR WOR- TH OR RENUMERAT??? OR DENOMINATION? ? OR FACEVALUE? ? OR FIGU- RE? ? OR SUM OR SUMS OR TOTAL? ?
S6	5024	S2(5N)S3
S7	114271	S4(5N)S5
S8	6	S1(S)S6(S)S7
S9	7778	S2(10N)S3
S10	167149	S4(10N)S5
S11	10	S1(S)S9(S)S10
S12	10	IDPAT (sorted in duplicate/non-duplicate order)
S13	10	IDPAT (primary/non-duplicate records only)

13/3,K/1 (Item 1 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
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015236918 \*\*Image available\*\*  
WPI Acc No: 2003-297843/200329  
XRPX Acc No: N03-236801

**Method to prevent unauthorized use of vehicle**

Patent Assignee: ALTONIKA CO LTD (ALTO-R)  
Inventor: BONDARIK A N; GERASIMCHUK A N; GRIBOK V P; SHEPTOVETSKII A YU  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
RU 2198802	C1	20030220	RU 2002115701	A	20020613	200329 B

Priority Applications (No Type Date): RU 2002115701 A 20020613

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
RU 2198802	C1		B60R-025/00	

Abstract (Basic):

... to user. When generating enquiry by pseudorandom code on vehicle, expected code of answer is **determined** and remembered, calculated check **sum** is added to code of enquiry and signal is transmitted on the air. If transponder...  
...and transmission of answer is started immediately after revealing of coincidence of adopted and calculated **check** sums. Directly after termination of transmission of enquiry, **readout** of reception time is started during which presence of radio signal with enquiry and answer  
...

...signal fades out in course of time of reception, further reception of answer is prohibited **till** the next enquiry signal.

13/3,K/2 (Item 2 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
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015087259 \*\*Image available\*\*  
WPI Acc No: 2003-147777/200314  
XRPX Acc No: N03-116728

**Coins adding method in retail and wholesale establishment, involves determining and storing updated value of loose coins remaining in inventory so as to maintain accurate count of value of loose coins in inventory**

Patent Assignee: CARTER O K (CART-I)  
Inventor: CARTER O K  
Number of Countries: 100 Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020152141	A1	20021017	US 2001832509	A	20010411	200314 B
WO 200284452	A2	20021024	WO 2002US4691	A	20020212	200314

Priority Applications (No Type Date): US 2001832509 A 20010411

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020152141	A1	12	G06F-017/60	
WO 200284452	A2 E		G06F-000/00	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR

Abstract (Basic):

... A **value** of loose coins in an inventory is **determined** and stored in a computing device. The **value** of the **amount** of loose coins removed from the inventory and placed in a **cash drawer** when it is **ready** to be replenished, is **determined**. The updated **value** of loose coins remaining in the inventory is **determined** and stored in the computing device to maintain accurate count of value of loose coins

...

13/3,K/3 (Item 3 from file: 351)

DIALOG(R)File 351:Derwent WPI

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014543037 \*\*Image available\*\*

WPI Acc No: 2002-363740/200240

XRPX Acc No: N02-284212

**Security cash register used in e.g. taxi, gas station, is connected to taximeter, roadside gas pump with display or bar code reader for automatic determination of paid amount**

Patent Assignee: KUBACKI J (KUBA-I); MLITZ H (MLIT-I)

Inventor: KUBACKI J; MLITZ H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 10038769	A1	20020221	DE 1038769	A	20000809	200240 B

Priority Applications (No Type Date): DE 1038769 A 20000809

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
DE 10038769	A1	13	G07G-001/12	

DE 10038769 A1 13 G07G-001/12

Abstract (Basic):

... The **cash register** for automatic **determination** of paid **amount** is connected to a taximeter, roadside gas pump with display or bar code **reader**. The **cash register** has a stable housing (1) firmly anchored to its location and formed with input slits (9,10) for cash **payment**. A **recognition** device automatically **recognizes** introduced cash **payment**.

13/3,K/4 (Item 4 from file: 351)

DIALOG(R)File 351:Derwent WPI

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010573860 \*\*Image available\*\*

WPI Acc No: 1996-070813/199608

XRPX Acc No: N96-059432

**Automatically identifying items in tableware of restaurant with automated billing and sorting jobs - allocating and attaching identification code respectively to categories and tableware items, reading code using reader linked to cash register to compare with stored codes and categories for identification of category to which item belongs**

Patent Assignee: SENSOR TECHNOS CO LTD (SENS-N); SHIMAMURA C (SHIM-I);

SENSOR TECHNOS KK (SENS-N)

Inventor: SHIMAMURA C; KOBAYASHI M; SHIMAMURA S

Number of Countries: 011 Number of Patents: 016

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2291768	A	19960131	GB 9515246	A	19950725	199608 B
DE 4437087	A1	19960201	DE 4437087	A	19941017	199610
AU 9474405	A	19960208	AU 9474405	A	19941004	199613
FR 2723009	A1	19960202	FR 9413720	A	19941116	199613

JP 8044794	A	19960216	JP 94174616	A	19940726	199617
CA 2133891	A	19960127	CA 2133891	A	19941007	199621
US 5522509	A	19960604	US 94328712	A	19941021	199628
AU 672133	B	19960919	AU 9474405	A	19941004	199645
IT 1268632	B	19970306	IT 94T0842	A	19941020	199739
ES 2106673	A1	19971101	ES 942633	A	19941223	199750
DE 4437087	C2	19980409	DE 4437087	A	19941017	199818
ES 2106673	B1	19980516	ES 942633	A	19941223	199826
GB 2291768	B	19981202	GB 9515246	A	19950725	199850
KR 169752	B1	19990115	KR 9425952	A	19941011	200038
MX 194424	B	19991207	MX 949585	A	19941209	200110
CA 2133891	C	20020402	CA 2133891	A	19941007	200231

Priority Applications (No Type Date): JP 94174616 A 19940726

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2291768	A		28	G06K-007/08	
DE 4437087	A1		16	B07C-005/34	
AU 9474405	A			A47G-023/00	
FR 2723009	A1			B07C-003/12	
JP 8044794	A		8	G06F-017/60	
CA 2133891	A			B07C-005/342	
US 5522509	A		16	B07C-005/02	
AU 672133	B			A47G-023/00	Previous Publ. patent AU 9474405
IT 1268632	B			G05B-000/00	
ES 2106673	A1			B07C-005/34	
DE 4437087	C2		16	B07C-005/34	
ES 2106673	B1			B07C-005/34	
GB 2291768	B			G06K-007/08	
KR 169752	B1			G06F-017/60	
MX 194424	B			B07C-005/002	
CA 2133891	C	E		B07C-005/342	

...Abstract (Basic): An automatic tag **reader** which is linked to a **cash register** (27) **reads** the identification code of the tag of an item of tableware. The identification code is...

...in memory, to which they are allocated. The category to which the item belongs is **identified** from the comparison. The **total** cost of selected item of tableware are calculated and displayed (28). A sorting appts. linked...

13/3,K/5 (Item 5 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

010523286 \*\*Image available\*\*

WPI Acc No: 1996-020239/199602

XRPX Acc No: N96-016919

**Coupons savings account system - transfers coupon amount to purchaser's account, and connects with banking system to complete transfer of funds from store's account to identified account**

Patent Assignee: ALCHEMIST & CO INC (ALCH-N)

Inventor: LIDMAN D G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5471669	A	19951128	US 94214613	A	19940317	199602 B

Priority Applications (No Type Date): US 94214613 A 19940317

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5471669	A		7	G06K-019/00	

...Abstract (Basic): A crediting device communicates with the **cash register**, for crediting the **identified** money account in an **amount** equal to the **total** of the product coupons. A barcode **reader** enters coupons into the **cash register**.

13/3,K/6 (Item 6 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
(c) 2003 Thomson Derwent. All rts. reserv.

010036144

WPI Acc No: 1994-303855/199438

XRPX Acc No: N94-238914

**Charge card system for POS payment for services and goods - has card loaded from account with credit value that can be used to provide direct payment facility**

Patent Assignee: GRAF SANDIZELL N (SAND-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 4309942	A1	19940929	DE 4309942	A	19930326	199438 B

Priority Applications (No Type Date): DE 4309942 A 19930326

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 4309942	A1		2	G07F-007/08	

...Abstract (Basic): compatible with standard cheque card cash points. The card may be loaded with a specific **amount** of credit by insertion and entry of a personal **identification**. The cards can be used with **readers** integrated into **cash registers** to pay for goods or a portable unit can be used. The units contain receiver...

13/3,K/7 (Item 7 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
(c) 2003 Thomson Derwent. All rts. reserv.

002381747

WPI Acc No: 1980-J8215C/198041

**Time clock recording and computation apparatus - identifiers user from data on card and computes stores and records time period on card**

Patent Assignee: KRONOS INC (TITG )

Inventor: AIN M S; BAXTER L K; COHEN R D; APSELL S P

Number of Countries: 014 Number of Patents: 009

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 16276	A	19801001				198041 B
BR 8001458	A	19801111				198048
US 4270043	A	19810526				198124
CA 1134041	A	19821019				198248
AU 8321945	A	19840329				198420
EP 16276	B	19861022				198643
DE 2967631	G	19861127				198649
DE 2967671	G	19880211				198807
EP 16276	B2	19930428	EP 79301449	A	19790720	199317

Priority Applications (No Type Date): US 7920223 A 19790313

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 16276	A	E			

Designated States (Regional): AT BE CH DE FR GB IT LU NL SE

EP 16276 B E

Designated States (Regional): AT BE CH DE FR GB IT LU NL SE

Designated States (Regional): AT BE CH DE FR GB IT LU NL SE

...Abstract (Basic): a microprocessor and memory unit for storing identification, time and other data of users. The **reading** unit identifies information on the card at times of **check -in** and **check -out**. In response to each **reading**, data associated with the user is withdrawn from the memory unit to **identify** the user. A unit then **totals** time periods between times of check-in and **check - out** to maintain stored data as to summed time periods for the user. A recording unit...

...the path, records the summed time period data on the space of the card at **checkout**.

13/3,K/8 (Item 8 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2003 JPO & JAPIO. All rts. reserv.

05235173 \*\*Image available\*\*  
AUTOMATIC PAYMENT RECEIVING AND PAYING DEVICE

PUB. NO.: 08-190673 [JP 8190673 A]  
PUBLISHED: July 23, 1996 (19960723)  
INVENTOR(s): HAGIWARA NORIAKI  
NAGASAWA YUTAKA  
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 07-001021 [JP 951021]  
FILED: January 09, 1995 (19950109)

#### ABSTRACT

...CONSTITUTION: A customer is made to **read** articles with a bar code scanner in an automatic electronic **cash register** 1, article prices are summed up and the customer puts in cash after the charge...

...3. The cash is divided into paper money and coins, each of them passes a **discriminator**, the authenticity and the **amount** are **determined** and they are displayed on the display device 3. The received amount and the charged...

... change storing chamber and the amount is stored. A carrier path 6 connects each electronic **cash register** 1 and an automatic cash handling device 5, carries cash, and carries and replenishes the...

13/3,K/9 (Item 9 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2003 JPO & JAPIO. All rts. reserv.

04062562 \*\*Image available\*\*  
ARTICLE SALES REGISTRATION DEVICE

PUB. NO.: 05-054262 [JP 5054262 A]  
PUBLISHED: March 05, 1993 (19930305)  
INVENTOR(s): ISHII MASAOKI  
APPLICANT(s): TOKYO ELECTRIC CO LTD [000356] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 03-217385 [JP 91217385]  
FILED: August 28, 1991 (19910828)  
JOURNAL: Section: P, Section No. 1571, Vol. 17, No. 366, Pg. 74, July 09, 1993 (19930709)

#### ABSTRACT

... specific department such as articles for special sale, article

registration is performed on an electronic **cash register** and then a group **read** means detects a status indicating whether or not a flag disabling the credit sales of...

...is detected and once this end is detected, the paying method is decided. For cash **payment**, no specific conditions are imposed, but when credit **payment** is **recognized**, cash **payment** is specified if the disable state of the credit payment is detected on the internal...

13/3,K/10 (Item 10 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2003 JPO & JAPIO. All rts. reserv.

01441661 \*\*Image available\*\*  
TRANSACTION PROCESSOR

PUB. NO.: 59-153261 [JP 59153261 A]  
PUBLISHED: September 01, 1984 (19840901)  
INVENTOR(s): OMAE KENICHI  
TATEISHI KAZUMA  
SHINOHARA YOSHITSUGU  
ICHIHASHI MASAZUMI  
APPLICANT(s): OMRON TATEISI ELECTRONICS CO [000294] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 58-026733 [JP 8326733]  
FILED: February 18, 1983 (19830218)  
JOURNAL: Section: P, Section No. 326, Vol. 09, No. 6, Pg. 5, January 11, 1985 (19850111)

#### ABSTRACT

...CONSTITUTION: The ECR20 **reads** out the identification number of a **cash** (credit) card and is connected, with a host CPU20 or 30 in the credit company...

... 31. The ECR4 displays the returned information visually and a person in charge of the **ECR determines** the **total** validity of the transaction through the card. The returned information includes a report of loss...



?show files;ds

File 348:EUROPEAN PATENTS 1978-2003/Jul W03

(c) 2003 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20030731,UT=20030724

(c) 2003 WIPO/Univentio

Set	Items	Description
S1	23429	CASH()(REGISTER? ? OR DRAWER? ?) OR CHECK?()OUT? ? OR CHEC- KOUT? ? OR ECR OR CASHREGISTER? ? OR TILL? ?
S2	599386	OPTICAL()(CHARACTER()(RECOGNITION OR READER) OR SENS???) OR OCR OR SCAN(5N)BITMAP OR (CONVERSION OR CONVERT???) (2N)(TEXT OR ASCII) OR (PHOTOELECTRIC OR PHOTO()ELECTRIC)()CELL? ? OR R- EAD???
S3	174440	CASH OR (PAPER OR FOLDING)()MONEY OR CURRENCY OR LEGAL()TE- NDER OR BANK()NOTE? ? OR BILL? ? OR BANKNOTE? ? OR CHECK? ? OR CHEQUE? ? OR DRAFT? ? OR DRAUGHT? ? OR EURO OR FRANC OR DEUT- SCHMARK OR POUND OR RUPEE OR YEN OR LIRA OR PESO
S4	939926	IDENTIF? OR ID OR DETERMIN? OR RECOGNI? OR DISCRIMINAT??? - OR DIFFERENTIAT??? OR DISTINGUISH??? OR DISCERN? OR PARTICULA- RI? OR PERCEIV???
S5	1281538	VALUE? ? OR VALUATION? ? OR AMOUNT? ? OR PAYMENT? ? OR WOR- TH OR RENUMERAT??? OR DENOMINATION? ? OR FACEVALUE? ? OR FIGU- RE? ? OR SUM OR SUMS OR TOTAL? ?
S6	6147	S2(5N)S3
S7	238431	S4(5N)S5
S8	43	S1(S)S6(S)S7
S9	37529	IC=G06F-017?
S10	15	S8 AND S9
S11	15	IDPAT (sorted in duplicate/non-duplicate order)
S12	15	IDPAT (primary/non-duplicate records only)

12/AY,AZ,TI/1 (Item 1 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

01022655  
COMPUTER AUTOMATED ELECTRONIC SMALL CHANGE HARVESTING METHOD  
PROCEDE INFORMATIQUE AUTOMATISE DE COLLECTE DE PETITE MONNAIE  
Application: WO 2001ZA203 20011214

12/AY,AZ,TI/2 (Item 2 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00963611  
EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM  
FOR RENTAL VEHICLE SERVICES  
SYSTEME INFORMATIQUE INTERENTREPRISES A ELEMENTS MULTIPLES A ACCES INTERNET  
POUR SERVICES DE LOCATION DE VEHICULES  
Application: WO 2001US51431 20011019

12/AY,AZ,TI/3 (Item 3 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00933152  
EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM  
FOR RENTAL VEHICLE SERVICES  
SYSTEME INFORMATIQUE ETENDU ENTRE ENTREPRISES, A FONCTIONS MULTIPLES,  
FONCTIONNANT SUR LE WEB, POUR DES SERVICES DE LOCATION DE VEHICULES  
Application: WO 2001US51437 20011019

12/AY,AZ,TI/4 (Item 4 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00918361  
METHOD AND APPARATUS FOR PROCESSING CASH PAYMENTS FOR ELECTRONIC AND  
INTERNET TRANSACTIONS  
PROCEDE ET APPAREIL DE TRAITEMENT DE PAIEMENTS EN LIQUIDE POUR DES  
TRANSACTIONS ELECTRONIQUES ET SUR L'INTERNET  
Application: WO 2001US49604 20011226

12/AY,AZ,TI/5 (Item 5 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00874899  
ADMINISTERING INCENTIVE AWARD PROGRAM  
GESTION D'UN PROGRAMME DE PRIME D'INCITATION  
Application: WO 2001US23312 20010725

12/AY,AZ,TI/6 (Item 6 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00806389  
SCHEDULING AND PLANNING BEFORE AND PROACTIVE MANAGEMENT DURING MAINTENANCE  
AND SERVICE IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT  
PROGRAMMATION ET PLANIFICATION ANTICIPEE, ET GESTION PROACTIVE AU COURS DE  
LA MAINTENANCE ET DE L'ENTRETIEN D'UN ENVIRONNEMENT DU TYPE CHAINE  
D'APPROVISIONNEMENT RESEAUTE  
Application: WO 2000US32228 20001122

12/AY,AZ,TI/7 (Item 7 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00802534

ANY-TO-ANY COMPONENT COMPUTING SYSTEM

SYSTEME INFORMATIQUE A COMPOSANTS TOUTE CATEGORIE

Application: WO 2000US31231 20001113

12/AY,AZ,TI/8 (Item 8 from file: 349)

DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00783185

SYSTEM AND METHOD FOR ADMINISTERING ELECTRONIC PROMOTIONS

SYSTEME ET PROCEDE DE GESTION DE PROMOTIONS ELECTRONIQUES

Application: WO 2000US22269 20000814

12/AY,AZ,TI/9 (Item 9 from file: 349)

DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00777022

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR AN E-COMMERCE BASED  
ARCHITECTURE

SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION POUR UNE ARCHITECTURE BASEE SUR  
LE COMMERCE ELECTRONIQUE

Application: WO 2000US20704 20000728

12/AY,AZ,TI/10 (Item 10 from file: 349)

DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00777021

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR AN E-COMMERCE BASED USER  
FRAMEWORK DESIGN FOR MAINTAINING USER PREFERENCES, ROLES AND DETAILS

SYSTEME, PROCEDE ET ARTICLE MANUFACTURE UTILISES EN COMMERCE ELECTRONIQUE  
POUR LA CONCEPTION DE STRUCTURES D'UTILISATEURS DESTINEES A PRESERVER  
LES PREFERENCES, ROLES ET DETAILS DES UTILISATEURS

Application: WO 2000US20549 20000728

12/AY,AZ,TI/11 (Item 11 from file: 349)

DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00777017

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A HOST FRAMEWORK DESIGN IN  
AN E-COMMERCE ARCHITECTURE

SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION DESTINES A LA CONCEPTION D'UNE  
STRUCTURE D'ORDINATEUR CENTRAL DANS UNE ARCHITECTURE DE COMMERCE  
ELECTRONIQUE

Application: WO 2000US20560 20000728

12/AY,AZ,TI/12 (Item 12 from file: 349)

DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00762425

AN ELECTRONIC-RECEIPTS SERVICE

SERVICE ELECTRONIQUE DE RECUS

Application: WO 2000US15368 20000602

12/AY,AZ,TI/13 (Item 13 from file: 349)

DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00753795

COMPUTER SYSTEM WITH PROGRAM CONFIGURATIONS AND METHODS FOR A STORE

SYSTEME INFORMATIQUE A CONFIGURATIONS DE PROGRAMME ET METHODES RELATIVES A  
UN MAGASIN

Application: WO 2000US11662 20000428

12/AY,AZ,TI/14 (Item 14 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00511589  
MATCH-CODE-RESPONSIVE SELECTING/CAPTURING OF POS WHOLE-TRANSACTIONS-DATA  
SELECTION/COLLECTE DE DONNEES DE TRANSACTIONS COMPLETES AUX POINTS DE  
VENTES (POS), SENSIBLES AUX CODES MATCH  
Application: WO 99US3539 19990219

12/AY,AZ,TI/15 (Item 15 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00348333  
AN INTEGRATED DEVELOPMENT PLATFORM FOR DISTRIBUTED PUBLISHING AND  
MANAGEMENT OF HYPERMEDIA OVER WIDE AREA NETWORKS  
PLATE-FORME DE DEVELOPPEMENT INTEGREE POUR LA PUBLICATION ET LA GESTION  
REPARTIES D'HYPERMEDIA SUR DES RESEAUX LONGUE PORTEE  
Application: WO 96US1686 19960321

12/3,K/12 (Item 12 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00762425 \*\*Image available\*\*

**AN ELECTRONIC-RECEIPTS SERVICE**  
**SERVICE ELECTRONIQUE DE RECUS**

Patent Applicant/Assignee:

RECEIPTCITY COM INC, 3051 N. 1st Street, San Jose, CA 95134, US, US  
(Residence), US (Nationality)

Inventor(s):

ALLAN Scott T, 2924 Hillside Drive, Burlingame, CA 94010, US,  
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KAREEMI Nazim, 2145 Emerson Street, Palo Alto, CA, US,

Legal Representative:

KAUFMAN Michael A (et al) (agent), Flehr Hohbach Test Albritton & Herbert  
LLP, 4 Embarcadero Center, Suite 3400, San Francisco, CA 94111-4187, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200075834 A2-A3 20001214 (WO 0075834)

Application: WO 2000US15368 20000602 (PCT/WO US0015368)

Priority Application: US 99137575 19990604; US 99141380 19990628; US  
2000480883 20000110

Designated States: CA JP

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Filing Language: English

Fulltext Word Count: 18738

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... the POS system 126 includes a portion  
1262 that is typically a non-web-enabled **cash register** (although the  
portion 1262 may be web-enabled). An optionally web-enabled portion  
1261 is...

...to the  
internet 180. The POS system 126 may integrate the typically non-web  
enabled ("**cash - register**") and web-enabled portions 1262,1261 of the  
POS  
payment platform, may maintain them distinct...  
...enabled and webenabled portions 1262,1261 of the POS platform (i.e.,  
indirectly connect the  
**cash - register** and interactive web-enabled portions 1262, 1261 of the  
payment platform.) Alternatively, the POS system...of the  
communications is that the customer is shown a description of the item  
lost **identified**, its price, a running **total** of items **identified** for  
purchase so far, a running tax amount, etc. These descriptions may  
display on the...TC 200 includes or supports at least  
one of the following peripherals (not shown): a **check reader**, a  
printer, a  
17  
scanner and a system for electronically capturing biogenic content such  
as...

12/3,K/13 (Item 13 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00753795    \*\*Image available\*\*

**COMPUTER SYSTEM WITH PROGRAM CONFIGURATIONS AND METHODS FOR A STORE  
SYSTEME INFORMATIQUE A CONFIGURATIONS DE PROGRAMME ET METHODES RELATIVES A  
UN MAGASIN**

Patent Applicant/Assignee:

SOFTCARD SYSTEMS INC, Suite B, 1592 Mars Hill Road, Watkinsville, GA  
30677, US, US (Residence), US (Nationality)

Inventor(s):

POWELL Ken R, Suite B, 1592 Mars Hill Road, Watkinsville, GA 30677, US  
MAXWELL Eleanor B, 128 Old Edwards Road, Arnoldsville, GA 30619, US  
SNOOK Corey C, P.O. Box 754, Meredith, NH 03252, US

Legal Representative:

JACKSON Jerome D, Law Office of Jerome D. Jackson, Suite 100, 211 N.  
Union Street, Alexandria, VA 22314, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200067175 A1 20001109 (WO 0067175)  
Application: WO 2000US11662 20000428 (PCT/WO US0011662)  
Priority Application: US 99301749 19990429; US 99317440 19990524; US  
99320664 19990527

Designated States: AU CA JP MX NO

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Filing Language: English

Fulltext Word Count: 10336

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Claims

Claim

... IN

FIRST EXECUTION THREAD

25

1 IF

DECIDE DISCOUNT

ELIGIBILITY IN

SECOND EXECUTION THREAD

30

**DETERMINE    TOTAL**

AMOUNTDUE

35

Figs 4

/24

7

BAR CODE

READER 310

320

**CHECKOUT    STATION 300**

BAR CODE

READER 310

**CHECKOUT    STATION 301**

8 BAR CODE

READER 310

FINANCIAL 322

COMPUTER

40

**CHECKOUT    STATION 302**

L. . . . .

. . . . .

Fig. 5

SMARTCARD

319 **READER /WRITER**

**CASH    REGISTER    315**

KEYBOARD

```

.318
311
BAR CODE
READER 310 305
323 ew@351 zz@
POLE DISPLAY...

...25
RODUCTI N
DESCRIPTION
30
Y
UPDATE TOTAL -qo
DISCOUNT ISCOUNT TENDE
32 31
N
  DETERMINE Y
  TOTAL
AMOLINTDLIE OTAL?
40
DISPLAY
TOTAL
AMOLINTDLIE
45
FIG* 9
/24
1317
0054
3656
8435
Figs...

...I
I
FINANCIAL
COMPUTER -----40 ----
8
I
Figs 12B
/24
7
BAR CODE
READER 310
  CHECKOUT STATION 300'
BAR CODE
READER 310
  CHECKOUT STATION 301'
8 BAR CODE
READER 310
FINANCIAL
COMPUTER
40
  CHECKOUT STATION 3021
L . . . . .
. . . . .
Fig. 13
SMARTCARD
319 READER /WRITER
  CASH REGISTER 315
KEYBOARD
318 @H
311
BARCODE
READER 310 H 305'
323 351

```

```

POLE DISPLAY 317...
...40 N@ ----- .@- j
8
ill
Figs 15B
2 4
/.O* .....
7
BAR CODE
READER -310
  CHECKOUT STATION 300"
BAR CODE
READER 310
3 'I
. . . . .
  CHECKOUT STATION 301'1
8 BARCODE
READER 310
FINANCIAL
COMPUTER
40
  CHECKOUT STATION 302"
L. . . . .
. . . . .
Fig. 16
/24
SMARTCARD
READER/WRITER
315
347
326 r
362'
MEMORY 333
CARDINTERFACE
SYSTEM 20' 328
. . . . .
. . . . .
  CASH REGISTER SYSTEM 301 319
  CASH REGISTER
KEYBOARD
318
311
BAR CODE
READER 310
32 351
POLE DISPLAY 317 JA
MEMORY 323...

...FINANCIAL
COMPUTER ----- @@-a
40 8
1111
Figs 18B
24
. . . . .
7
BAR CO
READER 310.
T
  CHECKOUT STATION 300""
BARCO
READE 0
331...
  CHECKOUT STATION 301111
8 BARCODE

```



READER 310

FINANCIAL

• COMPUTER

40

CHECKOUT STATION 302111

L. . . . .

. . . . .

Fig. 19

/ 2 4

-----  
CARDINTERFACE

SYSTEM 20 SMARTCARD

READER/WRITER

315

I

347

r

356

357

CASH REGISTER MEMORY 333

KEYBOARD 318 3 5 3

3

358 --

PRINTER

354

311

BAR CODE

READER...

?show files;ds

File 2:INSPEC 1969-2003/Jul W4  
(c) 2003 Institution of Electrical Engineers  
File 35:Dissertation Abs Online 1861-2003/Jul  
(c) 2003 ProQuest Info&Learning  
File 65:Inside Conferences 1993-2003/Aug W1  
(c) 2003 BLDSC all rts. reserv.  
File 99:Wilson Appl. Sci & Tech Abs 1983-2003/Jun  
(c) 2003 The HW Wilson Co.  
File 233:Internet & Personal Comp. Abs. 1981-2003/Jul  
(c) 2003 Info. Today Inc.  
File 256:SoftBase:Reviews,Companies&Prods. 82-2003/Jul  
(c)2003 Info.Sources Inc  
File 474:New York Times Abs 1969-2003/Aug 05  
(c) 2003 The New York Times  
File 475:Wall Street Journal Abs 1973-2003/Aug 05  
(c) 2003 The New York Times  
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 The Gale Group

Set	Items	Description
S1	24406	CASH()(REGISTER? ? OR DRAWER? ?) OR CHECK?()OUT? ? OR CHEC- KOUT? ? OR ECR OR CASHREGISTER? ? OR TILL? ?
S2	316044	OPTICAL()(CHARACTER()(RECOGNITION OR READER) OR SENS???) OR OCR OR SCAN(5N)BITMAP OR (CONVERSION OR CONVERT???) (2N) (TEXT OR ASCII) OR (PHOTOELECTRIC OR PHOTO()ELECTRIC)()CELL? ? OR R- EAD???
S3	462108	CASH OR (PAPER OR FOLDING)()MONEY OR CURRENCY OR LEGAL()TE- NDER OR BANK()NOTE? ? OR BILL? ? OR BANKNOTE? ? OR CHECK? ? OR CHEQUE? ? OR DRAFT? ? OR DRAUGHT? ? OR EURO OR FRANC OR DEUT- SCHMARK OR POUND OR RUPEE OR YEN OR LIRA OR PESO
S4	2326167	IDENTIF? OR ID OR DETERMIN? OR RECOGNI? OR DISCRIMINAT??? - OR DIFFERENTIAT??? OR DISTINGUISH??? OR DISCERN? OR PARTICULA- RI? OR PERCEIV???
S5	2363333	VALUE? ? OR VALUATION? ? OR AMOUNT? ? OR PAYMENT? ? OR WOR- TH OR RENUMERAT??? OR DENOMINATION? ? OR FACEVALUE? ? OR FIGU- RE? ? OR SUM OR SUMS OR TOTAL? ?
S6	1621	S2(5N)S3
S7	73827	S4(5N)S5
S8	0	S1(S)S6(S)S7
S9	2454	S2(10N)S3
S10	118770	S4(10N)S5
S11	0	S1(S)S9(S)S10
S12	0	S1 AND S9 AND S10
S13	.55	S1(S)S6
S14	10	S4(S)S13
S15	14	S1(S)S9(S)S4
S16	11	S15 NOT PY>2000
S17	11	S16 NOT PD=20001021:20030930
S18	8	RD (unique items)

18/3,K/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

4956539 INSPEC Abstract Number: C9507-5530-001

**Title: Camera-based bar code recognition system using neural net**

Author(s): Shu-Jen Liu; Hong-Yuan Liao; Liang-Hua Chen; Hsiao-Rong Tyan; Jun-Wei Hsieh

Author Affiliation: Inst. of Inf. Sci., Acad. Sinica, Taipei, Taiwan

Part vol.2 p.1301-5 vol.2

Publisher: IEEE, New York, NY, USA

Publication Date: 1993 Country of Publication: USA 3 vol. xxxxiv+3061

pp.

ISBN: 0 7803 1421 2

Conference Title: Proceedings of 1993 International Conference on Neural Networks (IJCNN-93-Nagoya, Japan)

Conference Sponsor: Japanese Neural Network Soc.; IEEE Neural Networks Council; Int. Neural Network Soc.; European Neural Network Soc.; Soc. Instrum. & Control Eng.; IEICE

Conference Date: 25-29 Oct. 1993 Conference Location: Nagoya, Japan

Language: English

Subfile: C

Copyright 1995, IEE

Abstract: In this paper, a bar code **recognition** system using neural networks is proposed. It is well known that in many stores the laser bar code **reader** is adopted at **check - out** counters. However, there is a major constraint when this tool is used. That is, unlike...

... important role in such system. In this paper, we propose a camera-based bar code **recognition** system using backpropagation neural networks. The ultimate goal of this approach is to use camera...

... the bar code. Finally, we use a trained backpropagation neural network to perform bar code **recognition** task. Experiments have been conducted to corroborate the proposed method.

18/3,K/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

4921365 INSPEC Abstract Number: C9505-5590-001

**Title: A bar-code recognition system using backpropagation neural networks**

Author(s): Hong-Yuan Liao; Shu-Jen Liu; Liang-Hua Chen; Hsiao-Rong Tyan

Author Affiliation: Acad. Sinica, Taipei, Taiwan

Journal: Engineering Applications of Artificial Intelligence vol.8, no.1 p.81-90

Publication Date: Feb. 1995 Country of Publication: UK

CODEN: EAAIE6 ISSN: 0952-1976

U.S. Copyright Clearance Center Code: 0952-1976/95/\$9.50+0.00

Language: English

Subfile: C

Copyright 1995, IEE

Abstract: A bar-code **recognition** system using neural networks is proposed. It is well known that in many stores laser bar-code **readers** are used at **check - out** counters. However, there is a major constraint when this tool is used. That is, unlike...

... an important role in such a system. The paper proposes a camera-based bar-code **recognition** system using backpropagation neural networks. The ultimate goal of this approach is to use a...

... bar code. Finally, a trained backpropagation neural network is used to perform the bar-code **recognition** task. Experiments have been conducted to

corroborate the efficiency of the proposed method.

18/3,K/3 (Item 3 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

04004527 INSPEC Abstract Number: D91002987

**Title: MICR technology helps eliminate POS check fraud**

Author(s): Homa, R.J.

Author Affiliation: Checkmate Electron. Inc., Roswell, GA, USA

Journal: Chain Store Age Executive vol.67, no.9, pt.1 p.79

Publication Date: Sept. 1991 Country of Publication: USA

CODEN: COMLEF ISSN: 0193-1199

Language: English

Subfile: D

Abstract: MICR **readers** which attach directly to POS terminals or **cash registers** will link the merchant electronically with remote computer files that validate check transactions electronically in seconds. Thus, retail outlets will be able to **determine** the authenticity of checks and the credibility of the check writer more accurately than by manual 'see and key' methods. A **check** taken at the point-of-sale and electronically **read** by a magnetic MICR reader can be processed through a verification or approval system or...

18/3,K/4 (Item 1 from file: 256)

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

(c)2003 Info.Sources Inc. All rts. reserv.

00124860 DOCUMENT TYPE: Review

**PRODUCT NAMES: Bluetooth (841455)**

**TITLE: One-button bill paying**

**AUTHOR: Dvorak, John**

**SOURCE: Computer Shopper, v20 n6 p82(1) Jun 2000**

**ISSN: 0886-0556**

**HOME PAGE: <http://www.computershopper.com>**

**RECORD TYPE: Review**

**REVIEW TYPE: Product Analysis**

**GRADE: Product Analysis, No Rating**

**REVISION DATE: 20030330**

...as 10 piconets can operate in the same coverage range (approximately 40 feet). Each is **identified** by a separate frequency-hopping sequence to reduce interference. Bluetooth could conflict with the 802...

...appropriate tasks, such as basic messaging and commerce, especially credit card transactions. Although no Bluetooth- **ready cash register** /point-of-sale (POS) terminal is yet available, when all the needed Bluetooth components are...

18/3,K/5 (Item 2 from file: 256)

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

(c)2003 Info.Sources Inc. All rts. reserv.

00124156 DOCUMENT TYPE: Review

**PRODUCT NAMES: Privacy (838136); Internet (833029)**

**TITLE:** On the Internet, There's No Place to Hide  
**AUTHOR:** Koppell, Jonathan G S  
**SOURCE:** Industry Standard, v3 n23 p124(2) Jun 19, 2000  
**ISSN:** 1098-9196  
**HOME PAGE:** <http://www.thestandard.com>

**RECORD TYPE:** Review  
**REVIEW TYPE:** Product Analysis  
**GRADE:** Product Analysis, No Rating

**REVISION DATE:** 20000830

...could invade privacy. Searching for suspicious items, they could look for auction bids and perhaps **check out** users' perusal of **reading** material at Amazon.com. However, these scenarios, although possible, are not nearly as likely as...  
...can create customized marketing forays built to entice specific groups of people who can be **identified** with such information.

**18/3,K/6 (Item 3 from file: 256)**  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
(c)2003 Info.Sources Inc. All rts. reserv.

00099231 DOCUMENT TYPE: Review

**PRODUCT NAMES:** CyberCoin (636479); Secure Internet Payment Service (651117); E-Cash (546526); Net.Commerce (627291)

**TITLE:** The Dollars and Cents of Electronic Commerce  
**AUTHOR:** Barney, Cliff Hood, Phil  
**SOURCE:** NewMedia, v6 n16 p40(1) Dec 9, 1996  
**ISSN:** 1060-7188  
**HOME PAGE:** <http://www.newmedia.com>

**RECORD TYPE:** Review  
**REVIEW TYPE:** Product Analysis  
**GRADE:** Product Analysis, No Rating

**REVISION DATE:** 20020422

...and requires users to download an electronic wallet. The user then registers online to have **identify** validated. Banks supporting CyberCoin offer accounts that hold money transferred to the wallet, so the...  
...uses a wallet about the size of a pocket calculator that downloads small quantities of **cash** to a smart card. Transactions are anonymous, and Mondex readers can be attached to **cash registers**, kiosks, and computers. Automated Teller Machine (ATM) systems everywhere could conceivably also be updated for...

...is First Virtual Holdings' acquisition of credit-card numbers over the phone, with a personal **identification** number issued to users, and transactions confirmed by e-mail.

**18/3,K/7 (Item 1 from file: 583)**  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
(c) 2002 The Gale Group. All rts. reserv.

06344396  
L'informatisation, nouvelle arme de fidZlisation  
**FRANCE:** DATA PROCESSING AND CUSTOMER LOYALTY  
LinZaires (XOO) Jul-Aug 1996 p.32-35  
Language: FRENCH

Retailers are seeking to increase customer loyalty, but first they must **identify** their customers and be able to analyse their purchases. Therefore they are increasingly using computers to collect and process data, and the point of sale terminals or **cash registers** play a primary role. There are several ways that retailer can collect data at **checkout** stands: bar codes, private payment cards, bank cards, coupon printers, and machines which write out **checks**. Machines which **read** and fill in the **checks** have appeared on the market, and they photograph the total amount of the check and...

18/3,K/8 (Item 2 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
(c) 2002 The Gale Group. All rts. reserv.

06038043  
Cheque reading made easier  
UK: NEW AUTO CHEQUE READER FROM DATASTRIPE  
Off Licence News (OLN) 25 Aug 1994 p.14  
Language: ENGLISH

Datastripe, UK, has produced a new magnetic ink character **recognition** **cheque** **reader** which can **read** **cheque** details thus cutting down on the possibility of fraud - changes will not be **recognised** - and saving time. When combined with an integrated dual track magnetic stripe card **reader**, **cheque** and card details can recorded simultaneously. The **cheque** **reader** can be connected to PCs, IBM, NCR **cash** **tills** and most EPOS **tills** via a range of interfaces.

?show files;ds

File 13:BAMP 2003/Jul W3

(c) 2003 Resp. DB Svcs.

File 75:TGG Management Contents(R) 86-2003/Jul W3

(c) 2003 The Gale Group

File 15:ABI/Inform(R) 1971-2003/Aug 06

(c) 2003 ProQuest Info&Learning

File 16:Gale Group PROMT(R) 1990-2003/Aug 06

(c) 2003 The Gale Group

File 148:Gale Group Trade & Industry DB 1976-2003/Aug 06

(c)2003 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989

(c) 1999 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2003/Aug 06

(c) 2003 The Gale Group

File 621:Gale Group New Prod. Annou. (R) 1985-2003/Aug 06

(c) 2003 The Gale Group

Set	Items	Description
S1	224622	CASH() (REGISTER? ? OR DRAWER? ?) OR CHECK?()OUT? ? OR CHECKOUT? ? OR ECR OR CASHREGISTER? ? OR TILL? ?
S2	2516727	OPTICAL() (CHARACTER() (RECOGNITION OR READER) OR SENS???) OR OCR OR SCAN(5N)BITMAP OR (CONVERSION OR CONVERT???) (2N) (TEXT OR ASCII) OR (PHOTOELECTRIC OR PHOTO()ELECTRIC)()CELL? ? OR READ???
S3	4677826	CASH OR (PAPER OR FOLDING)()MONEY OR CURRENCY OR LEGAL()TENDER OR BANK()NOTE? ? OR BILL? ? OR BANKNOTE? ? OR CHECK? ? OR CHEQUE? ? OR DRAFT? ? OR DRAUGHT? ? OR EURO OR FRANC OR DEUTSCHMARK OR POUND OR RUPEE OR YEN OR LIRA OR PESO
S4	4925984	IDENTIF? OR ID OR DETERMIN? OR RECOGNI? OR DISCRIMINAT??? - OR DIFFERENTIAT??? OR DISTINGUISH??? OR DISCERN? OR PARTICULARI? OR PERCEIV???
S5	8714575	VALUE? ? OR VALUATION? ? OR AMOUNT? ? OR PAYMENT? ? OR WORTH OR RENUMERAT??? OR DENOMINATION? ? OR FACEVALUE? ? OR FIGURE? ? OR SUM OR SUMS OR TOTAL? ?
S6	33421	S2(5N)S3
S7	275551	S4(5N)S5
S8	7	S1(S)S6(S)S7
S9	169	S1(10N)S7
S10	15	S2(S)S9
S11	55258	S2(10N)S3
S12	410541	S4(10N)S5
S13	23	S1(S)S11(S)S12
S14	13	S1(S) (S11(10N)S12)
S15	19	S13 NOT PY>2000
S16	19	S15 NOT PD=20001021:20030930
S17	13	RD (unique items)

17/AA,AN,TI/1 (Item 1 from file: 75)  
DIALOG(R)File 75:(c) 2003 The Gale Group. All rts. reserv.  
00216860 SUPPLIER NUMBER: 53077759  
Playing payments poker.

17/AA,AN,TI/2 (Item 1 from file: 15)  
DIALOG(R)File 15:(c) 2003 ProQuest Info&Learning. All rts. reserv.  
00964740 96-14133  
Relationship marketing: The cornerstone of distribution planning

17/AA,AN,TI/3 (Item 2 from file: 15)  
DIALOG(R)File 15:(c) 2003 ProQuest Info&Learning. All rts. reserv.  
00786829 94-36221  
Just sign on the electronic line

17/AA,AN,TI/4 (Item 3 from file: 15)  
DIALOG(R)File 15:(c) 2003 ProQuest Info&Learning. All rts. reserv.  
00619141 92-34243  
The Tools of Security: Evaluating C-Store Needs

17/AA,AN,TI/5 (Item 1 from file: 16)  
DIALOG(R)File 16:(c) 2003 The Gale Group. All rts. reserv.  
06085748 Supplier Number: 53606434  
Technology Briefs.

17/AA,AN,TI/6 (Item 2 from file: 16)  
DIALOG(R)File 16:(c) 2003 The Gale Group. All rts. reserv.  
04529667 Supplier Number: 46655283  
Checkmate - Company Report

17/AA,AN,TI/7 (Item 3 from file: 16)  
DIALOG(R)File 16:(c) 2003 The Gale Group. All rts. reserv.  
04031831 Supplier Number: 45862050  
Visa International charges ahead with stored-value card

17/AA,AN,TI/8 (Item 4 from file: 16)  
DIALOG(R)File 16:(c) 2003 The Gale Group. All rts. reserv.  
03039222 Supplier Number: 44131709  
Just Sign on the Electronic Line

17/AA,AN,TI/9 (Item 1 from file: 148)  
DIALOG(R)File 148:(c)2003 The Gale Group. All rts. reserv.  
12358403 SUPPLIER NUMBER: 62303315  
FOR WANT OF A HYPHEN.

17/AA,AN,TI/10 (Item 2 from file: 148)  
DIALOG(R)File 148:(c)2003 The Gale Group. All rts. reserv.



08208238 SUPPLIER NUMBER: 17624421

Visa International charges ahead with stored-value card. (includes related article on launching of stored-value cards at 1996 Olympics)

17/AA,AN,TI/11 (Item 3 from file: 148)  
DIALOG(R) File 148: (c)2003 The Gale Group. All rts. reserv.

04638527 SUPPLIER NUMBER: 08325996  
The X.25 alternative: building workgroup solutions. (Hardware Review)  
(overview of three evaluations of X.25 routers) (includes related articles on X.25 terms and techniques, how the products were tested and editor's choice) (evaluation)

17/AA,AN,TI/12 (Item 4 from file: 148)  
DIALOG(R) File 148: (c)2003 The Gale Group. All rts. reserv.

04629315 SUPPLIER NUMBER: 09062005  
EDI is the right thing to do. (Electronic data interchange)

17/AA,AN,TI/13 (Item 5 from file: 148)  
DIALOG(R) File 148: (c)2003 The Gale Group. All rts. reserv.

02823372 SUPPLIER NUMBER: 04244190  
Go for the gold. (public opinion of smart machines) (editorial)

17/3,K/1 (Item 1 from file: 75)  
DIALOG(R)File 75:TGG Management Contents(R)  
(c) 2003 The Gale Group. All rts. reserv.

00216860 SUPPLIER NUMBER: 53077759 (USE FORMAT 7 FOR FULL TEXT)  
**Playing payments, poker.**  
Mayer, Martin  
Institutional Investor, 49(1)  
Sept 1, 1998  
ISSN: 0020-3580 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 5780 LINE COUNT: 00462

... from a pilot already operating at Wal-Mart Stores and Toys R Us locations, involves **cash registers** that can read magnetic-ink-character- **recognition** numbers on **checks** and convert them to electronic **payments** . For all this activity, a surprisingly large part of the change the industry had expected...

17/3,K/4 (Item 3 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

00619141 92-34243  
**The Tools of Security: Evaluating C-Store Needs**  
Lasek, Alicia  
NPN: National Petroleum News v84n6 PP: 30-34 Jun 1992  
ISSN: 0149-5267 JRNL CODE: NPN  
WORD COUNT: 3600

...TEXT: robbery. Erickson helped direct a decade-long study of imprisoned robbers who consistently said the **determining** factor in deciding whether to rob a store was the **amount** of **cash** **readily** available. The "magic number" seems to be \$50, Erickson says. When the **cash** **drawer** holds \$50 or less, (\$35 is even better, if possible), and signs or decals are...

17/3,K/5 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

06085748 Supplier Number: 53606434 (USE FORMAT 7 FOR FULLTEXT)  
**Technology Briefs.**  
Card News, v14, n1, pNA  
Jan 18, 1999  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 722

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:

...foot cable with AT and PS/2 connectors. Mag-Tek manufactures a line of card **readers** , MICR **check** **readers** , encoders and motorized **readers** for financial institutions and retailers. The company pioneered magnetic stripe readers more than 25 years...

...applications of the scaled- down systems include centralized issuance of credit, debit, ATM and stored- **value** cards, as well as a range of **identification** cards, such as loyalty marketing cards and insurance membership cards. Inline card issuance capabilities include...

...installed terminal base numbers more than 105,000. The service is similar to CyberCash's **CashRegister** Internet payment service available to U.S. merchants, which helps to complete sales with customers...

17/3,K/6 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

04529667 Supplier Number: 46655283  
**Checkmate - Company Report**  
Investext, pl-17  
August 26, 1996  
Language: English Record Type: Abstract  
Document Type: Magazine/Journal; Trade

ABSTRACT:

...II, et al From its base as the production leader in point-of-sale (POS) **check - reading** devices, Checkmate has successfully expanded into signature capture, credit and debit card readers and devices...

...driven by retailers' desire to combat check fraud, retailers' strong incentives to speed customers through **check - out** lines as efficiently as possible, consumers' demands that retailers offer multiple alternatives for **payment** methods, and retailers' **determination** to preserve their sizable investments in existing systems. Tables in report: Stock Price/Earnings Data 1994-97; **Check Readers** ; Checkmate's Marketing Partners; U.S. Market Size Penetration, In Decile Ranking; Distribution Of Product...

17/3,K/9 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

12358403 SUPPLIER NUMBER: 62303315 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**FOR WANT OF A HYPHEN.**  
GERSHANOFF, HAL  
Journal of Electronic Defense, 23, 4, 12  
April, 2000  
ISSN: 0192-429X LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 590 LINE COUNT: 00045

... to an intensified interest in the stock market. Not as an investor necessarily, but to **check out** the **perceived value** of the companies you **read** about in JED or whose ads you see (or more likely, no longer see) here...

17/3,K/13 (Item 5 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

02823372 SUPPLIER NUMBER: 04244190 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Go for the gold. (public opinion of smart machines) (editorial)**  
Stoffels, Bob  
Telephone Engineer & Management, v90, p4(1)  
May 15, 1986  
DOCUMENT TYPE: editorial ISSN: 0040-263X LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 576 LINE COUNT: 00041

... things on and off automatically, and talk to you if you have done something wrong.

**Cash registers read** and recite prices, calculate **totals** and taxes, and **determine** proper change.

And personal computers will do so many things that we can't even...

?show files;ds

File 9:Business & Industry(R) Jul/1994-2003/Aug 04  
    (c) 2003 Resp. DB Svcs.  
File 20:Dialog Global Reporter 1997-2003/Aug 06  
    (c) 2003 The Dialog Corp.  
File 610:Business Wire 1999-2003/Aug 06  
    (c) 2003 Business Wire.  
File 613:PR Newswire 1999-2003/Aug 06  
    (c) 2003 PR Newswire Association Inc  
File 624:McGraw-Hill Publications 1985-2003/Aug 06  
    (c) 2003 McGraw-Hill Co. Inc  
File 634:San Jose Mercury Jun 1985-2003/Aug 05  
    (c) 2003 San Jose Mercury News  
File 636:Gale Group Newsletter DB(TM) 1987-2003/Aug 06  
    (c) 2003 The Gale Group  
File 810:Business Wire 1986-1999/Feb 28  
    (c) 1999 Business Wire  
File 813:PR Newswire 1987-1999/Apr 30  
    (c) 1999 PR Newswire Association Inc

Set	Items	Description
S1	394190	CASH() (REGISTER? ? OR DRAWER? ?) OR CHECK?()OUT? ? OR CHEC- KOUT? ? OR ECR OR CASHREGISTER? ? OR TILL? ?
S2	2836977	OPTICAL() (CHARACTER() (RECOGNITION OR READER) OR SENS???) OR OCR OR SCAN(5N)BITMAP OR (CONVERSION OR CONVERT???) (2N) (TEXT OR ASCII) OR (PHOTOELECTRIC OR PHOTO()ELECTRIC)()CELL? ? OR R- EAD???
S3	6331509	CASH OR (PAPER OR FOLDING)()MONEY OR CURRENCY OR LEGAL()TE- NDER OR BANK()NOTE? ? OR BILL? ? OR BANKNOTE? ? OR CHECK? ? OR CHEQUE? ? OR DRAFT? ? OR DRAUGHT? ? OR EURO OR FRANC OR DEUT- SCHMARK OR POUND OR RUPEE OR YEN OR LIRA OR PESO
S4	5511031	IDENTIF? OR ID OR DETERMIN? OR RECOGNI? OR DISCRIMINAT??? - OR DIFFERENTIAT??? OR DISTINGUISH??? OR DISCERN? OR PARTICULA- RI? OR PERCEIV???
S5	11132764	VALUE? ? OR VALUATION? ? OR AMOUNT? ? OR PAYMENT? ? OR WOR- TH OR RENUMERAT??? OR DENOMINATION? ? OR FACEVALUE? ? OR FIGU- RE? ? OR SUM OR SUMS OR TOTAL? ?
S6	50883	S2(5N)S3
S7	172150	S4(5N)S5
S8	2	S1(S)S6(S)S7
S9	78924	S2(10N)S3
S10	272536	S4(10N)S5
S11	7	S1(S)S9(S)S10
S12	168	S1 AND S9 AND S10
S13	10	S1 AND (S9(10N)S10)
S14	8	S13 NOT PY>2000
S15	7	S14 NOT PD=20001021:20030930
S16	6	RD (unique items)

16/3,K/1 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2003 Resp. DB Svcs. All rts. reserv.

2618656 Supplier Number: 02618656 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Networks Prepare For An Online Check World**  
(Around 18 bil checks are still being written at sales locations; according to Tower Group, check fraud cost merchants \$13 bil and financial institutions \$1.3 bil in 1998)  
Bank Network News, v 18, n 10, p 1+  
October 12, 1999  
DOCUMENT TYPE: Newsletter ISSN: 1063-4428 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1935

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...to cut their check-related costs.

A growing number of retailers are deploying devices that **read** the bank-identification and consumer-account numbers printed on customers' **checks**. This Magnetic Ink Character **Recognition** data is then used to route the transactions and capture **payment** from customer bank accounts electronically via the nation's automated clearing house system.  
Today, more...

...based on the cost savings that is garnered from the lower-risk check transactions.

Accounts **Check Out**

Among the planned products, the most basic would provide the ability to validate whether a...

16/3,K/2 (Item 2 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2003 Resp. DB Svcs. All rts. reserv.

2269701 Supplier Number: 02269701 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Playing payments poker (Part 1 of 2)**  
(US payments system costs some \$204 bil/year or 3% of GDP; an average noncash consumer transaction is \$50; if processing, billing and mailing add up to \$2.60/transaction, this is 5% of consumer transactions)  
Institutional Investor Americas, v XXXII, n 9, p 49+  
September 1998  
DOCUMENT TYPE: Journal ISSN: 0020-3580 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2939

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...from a pilot already operating at Wal-Mart Stores and Toys R Us locations, involves **cash registers** that can **read** magnetic-ink-character-**recognition** numbers on **checks** and convert them to electronic **payments**. For all this activity, a surprisingly large part of the change the industry had expected...

...that gets separated from the check in the lock-box operation; the bank takes the **check out** of the envelope and begins to collect it for the biller, sending on the bill...

16/3,K/3 (Item 3 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2003 Resp. DB Svcs. All rts. reserv.

2021492 Supplier Number: 02021492 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**The Battle For Internet Bill Payment And Presentment**  
(Survey by Mentis indicates that almost 70% of billers with 5 mil or more customers will begin implementing interactive billing and payment capabilities by the end of 1997)  
Bank Technology News, v 10, n 12, p 31+  
December 1997  
DOCUMENT TYPE: Journal ISSN: 1060-3506 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2633

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...into paper checks to the biller. But, unlike the remittance stub that typically accompanies a **check payment** and is encoded with an **optical character recognition (OCR)** scan line, billers instead receive a "**check and list**" (that is, one check and a list of accounts to credit.)  
Thus, most...

...fees, banks need to be placing bill payment capture devices, in the form of electronic **cash register** software, at their billers' Internet sites.

By supporting such a direct payment and deposit capability...

...own Internet storefronts and service displays. Once the bill payer is at the site, electronic **cash register** software, such as that provided by CyberCash, Inc. of Reston, VA, allows the billet to...role

By collaborating with their billers on this direct payment scenario, and by supporting electronic **cash register** software, banks can accept electronic check deposits with the same bank-controlled and branded process  
...

...check deposits to a physical bank branch, the CyberCash service uses the biller's electronic **cash register** software and advanced encryption to securely deliver electronic funds transfer requests directly to a bank...

16/3,K/4 (Item 1 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

08313145 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Debt and equities**  
Bala Swaminathan and Khazat Kotwal  
ECONOMIC TIMES  
November 20, 1999  
JOURNAL CODE: WETI LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 995

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... each reporting date.  
Held to maturity securities: Debt securities that the enterprise intends to hold **till** maturity and has the ability to do so are classified as 'held to maturity securities...'

... issuers creditworthiness or a liquidity crunch prompting the enterprise to sell its investments to generate **cash** .

Trading securities: They include both debt and equity securities with

readily determinable fair values . Trading securities are bought and held primarily for sale in the near term generally for...

16/3,K/5 (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

03766362 Supplier Number: 48152589 (USE FORMAT 7 FOR FULLTEXT)  
**Interactive Banking Technology: A BTN Special Supplement**  
Bank Technology News, pN/A  
Dec 1, 1997  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 2643

... into paper checks to the biller. But, unlike the remittance stub that typically accompanies a **check payment** and is encoded with an **optical character recognition (OCR)** scan line, billers instead receive a "**check and list**" (that is, one check and a list of accounts to credit.) Thus, most...

...fees, banks need to be placing bill payment capture devices, in the form of electronic **cash register** software, at their billers' Internet sites. By supporting such a direct payment and deposit capability...

...own Internet storefronts and service displays. Once the bill payer is at the site, electronic **cash register** software, such as that provided by CyberCash, Inc. of Reston, VA, allows the biller to...role

By collaborating with their billers on this direct payment scenario, and by supporting electronic **cash register** software, banks can accept electronic check deposits with the same bank-controlled and branded process ...

...check deposits to a physical bank branch, the CyberCash service uses the biller's electronic **cash register** software and advanced encryption to securely deliver electronic funds transfer requests directly to a bank...

16/3,K/6 (Item 2 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

01224285 Supplier Number: 41225204 (USE FORMAT 7 FOR FULLTEXT)  
**IBM OFFICIALLY UNVEILS IMAGING SYSTEM**  
Item Processing Report, v1, n3, pN/A  
March 15, 1990  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 1050

... compressing the 2.5 million bytes of data in each check into 40,000 bytes.

**Recognition** technology, called RECO by IBM, then reads the courtesy **amount** that was machine-printed or handwritten on the **check** . Tests by IBM have resulted in successful **read** rates of approximately 50%. If the system cannot read the amount, the image is sent...

...Trust in Chicago to test and purchase what would become the InfoImage system. Also, National **Cash Register** was planning to enter the market. A source close to the industry told ITEM PROCESSING...

09677153

FILE 'CONFSCI' ENTERED AT 17:24:15 ON 06 AUG 2003

L1 439 S CASH(W) (REGISTER# OR DRAWER#) OR CHECK?(W)OUT# OR CHECKOUT# O  
L2 1500 S OPTICAL(W) (CHARACTER(W) (RECOGNITION OR READER) OR SENS###) OR  
L3 725 S CASH OR (PAPER OR FOLDING) (W)MONEY OR CURRENCY OR LEGAL(W)TEN  
L4 55891 S IDENTIF? OR ID OR DETERMIN? OR RECOGNI? OR DISCRIMINAT### OR  
L5 14331 S VALUE# OR VALUATION# OR AMOUNT# OR PAYMENT# OR WORTH OR RENUM  
L6 3 S L2(5A)L3  
L7 580 S L4(5A)L5  
L8 0 S L1(P)L6(P)L7  
L9 0 S L1 AND L6

08/06/2003 CSW-E



Q9677153

L6 ANSWER 1 OF 3 CONFSCI COPYRIGHT 2003 CSA on STN  
AN 96:23503 CONFSCI  
DN 96-035376  
TI "Checks and balances of power": **Reading** the Komagata  
maru  
AU Grace, S.E.; Helms, G.  
CS Univ. British Columbia  
SO Association for Canadian Studies in the United States, One DuPont Circle,  
Suite 620, Washington, DC 20036, Contact individual authors concerning  
paper availability..  
Meeting Info.: 954 0084: Biennial Meeting of the Association for Canadian  
Studies in the United States (9540084). Seattle, WA (USA). 15-19 Nov 1995.  
Association for Canadian Studies in the United States.  
DT Conference  
FS DCCP  
LA English

L6 ANSWER 2 OF 3 CONFSCI COPYRIGHT 2003 CSA on STN  
AN 90:35061 CONFSCI  
DN 91004684  
TI Presentation and demonstration of various NDS (Nestor Development System)  
applications: Active sonar target recognition; autonomous vehicle  
navigation; **reading** addresses on bank **checks**  
AU Paillet, G.  
CS EUROPIXELS, France  
SO NTC, 19 rue de la Tour, 75116 Paris, France, 2 volumes - abstracts of  
poster papers and full papers of oral papers, \$213.48.  
Meeting Info.: 903 5002: INNC-90-PARIS (9035002). Paris (France). 9-13 Jul  
1990. IEEE Neural Network Council Cooperating Societies; Commission of  
the European Communities; International Network Society.  
DT Conference  
FS DCCP  
LA UNAVAILABLE

L6 ANSWER 3 OF 3 CONFSCI COPYRIGHT 2003 CSA on STN  
AN 78:55814 CONFSCI  
DN 78098495  
TI E13B or CMC7 **cheque** code MR & conventional **reading**  
heads comparison.  
AU Helle, M.  
SO Digest of papers included in registration during meetings; full papers in  
"IEEE Transactions on Magnetics," Sep 78 Issue: IEEE Service Center, 445  
Hoes Lane, Piscataway, NJ 08854.  
Meeting Info.: 982 2004: International Magnetics Conference (INTERMAG)  
(782 20041;v6n12 ). Florence, Italy. 9-12 May 78. IEEE (Magnetics Society)  
Associazione Elettrotecnica Italiana.  
DT Conference Article  
FS DCCP  
LA UNAVAILABLE